

UNITED STATES GOVERNMENT

Memorandum

EP 66-259

DATE: 23 November 1966

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TO : The Files: Contract [REDACTED]

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FROM : Mr. [REDACTED]

SUBJECT: Inspection Report No. 1 - PS-4V [REDACTED]

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1. Project Description:

The PS-4V is a digital voice privacy device for use with the [REDACTED] and AN/PRC-25 transceivers.

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2. Contractual Information:

- a. Initial Cost: \$16,000.00
- b. Request for Procurement Action: 27 July 1966
- c. Initiation Date: 19 September 1966
- d. Completion Date: 19 December 1966
- e. Deliverable Items: 2 each PS-4V systems f/u/w [REDACTED]
2 each PS-4V systems f/u/w AN/PRC-25

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3. Date of Meeting: 17 November 19664. Place of Meeting: [REDACTED]

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5. Persons Attending:

Agency

Non-Agency

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Mr. [REDACTED]

Mr. [REDACTED]

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6. Contractor's Performance:

- a. On schedule and expected to remain so: Yes
- b. Within obligated funds and expected to remain so: Yes
- c. Satisfactory technical progress: Yes

~~SECRET~~GROUP 1
Excluded from automatic
downgrading and
declassification

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UBJECT: Inspection Report No. 1 - PS-4V [REDACTED]

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7. Project Status:

Mr. [REDACTED] demonstrated the PS-4V with the AN/PRC-25 transceiver. Operation of the unit in the privacy mode was satisfactory and intelligibility of the received signal was excellent. The only remaining effort under this contract will be to integrate the PS-4V with the [REDACTED] transceiver. [REDACTED] anticipates no difficulty in doing this. They will deliver all four PS-4V's, 24 additional code cards, and all maintenance and instruction manuals on time. The PS-4V is not designed for use with SSB transceivers. Mr. [REDACTED] indicated that the audio frequency response required for successful operation of the PS-4V must extend from 1 kHz at 3 db down to at least 4.5 kHz at 3 db down and out to 11 kHz at 10 db down. No SSB transmitter is capable of this bandwidth.

[REDACTED] estimates that the PS-4V will cost approximately \$1500 each in quantities of 100.

Distribution:
R&D Subject File
OL/PD/PCB/CAS
R&D Lab
OC-OS
ESB
Monthly (3)
EP Chrono

A VHF set
He

OC-E/R&D-EP: [REDACTED] bjp/3152(23 Nov 66)
Retyped: OC-E/R&D-EP: [REDACTED] cls/3152(23 Nov 66)

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